Date: Thu, 21 Apr 94 04:30:29 PDT
From: Ham-Space Mailing List and Newsgroup <ham-space@ucsd.edu>
Errors-To: Ham-Space-Errors@UCSD.Edu
Reply-To: Ham-Space@UCSD.Edu
Precedence: Bulk
Subject: Ham-Space Digest V94 #101
To: Ham-Space

Ham-Space Digest Thu, 21 Apr 94 Volume 94 : Issue 101

Today's Topics:

Send Replies or notes for publication to: <Ham-Space@UCSD.Edu>
Send subscription requests to: <Ham-Space-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Space Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-space".

Date: 19 Apr 1994 22:26:17 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!EU.net!news.funet.fi!nntp.hut.fi!
vipunen.hut.fi!jsi@network.ucsd.edu
Subject: Meteor scatter software V4.2 de OH5IY
To: ham-space@ucsd.edu

>The latest version is always available by anonymous ftp at ftp.funet.fi
>(128.214.6.100): pub/ham/vhf-work/mssof*.zip. The new versions will named

I have just found out that the IP-address of ftp.funet.fi has changed to
128.214.248.6 . I am not sure when this has happened, but for me the old one
seems to work aswell as the new ... A report from UK tells that the old
address is not valid any more. Fortunately, the name ftp.funet.fi works
in most cases. But if it doesn't, try the new IP-address.

Jukka OH6DD

Date: Wed, 20 Apr 1994 01:14:15 GMT
From: ihnp4.ucsd.edu!mvb.saic.com!MathWorks.Com!europa.eng.gtefsd.com!
library.ucla.edu!news.ucdavis.edu!csus.edu!netcom.com!astroman@network.ucsd.edu
Subject: STS-59 Orbital State Vector Rev #171
To: ham-space@ucsd.edu

```
Vector format = 1017
Satellite Name:         STS-59
Catalog Number:         23042  94020A
Epoch Date/Time:        94109.93851142361
                        04/19/1994  22:31:27.386 UTC
ECI X:                   -15798527.666878 ft
M50 Y:                   -13887693.133386 ft
    Z:                     4910985.018417 ft
    Xdot:                     13080.71094 ft/s
    Ydot:                     -7585.49609 ft/s
    Zdot:                     20583.45703 ft/s
ndot/2 (drag):              0.00274980000 rev/day^2
nddt/6:                     1.11470E-05 rev/day^3
Bstar:                      1.11020E-05 1/Earth Radii
Elset #:                             33
Rev @ Epoch:              171.04319961962
```

MSDOS/PC software is available for conversion of
OSV to 2 Line Keplerian Elements via ftp to:
oak.oakland.edu:/pub/msdos/hamradio/v2l9331.zip
and the SIMTEL archives.

State Vectors courtesy Ken Ernandes N2WWD

SM

Date: 21 Apr 94 00:05:05 GMT
From: dog.ee.lbl.gov!ihnp4.ucsd.edu!swrinde!elroy.jpl.nasa.gov!
hyperion.jpl.nasa.gov!laborde@ucbvax.berkeley.edu
Subject: STS-60 QSL?
To: ham-space@ucsd.edu

Has anyone received an STS-60 QSL yet?

-Greg
laborde@oak.jpl.nasa.gov

Date: Wed, 20 Apr 1994 00:36:07 GMT

From: ihnp4.ucsd.edu!swrinde!emory!europa.eng.gtefsd.com!news.umbc.edu!eff!
news.kei.com!yeshua.marcam.com!hookup!paladin.american.edu!zombie.ncsc.mil!
blackbird.afit.af.mil!tkelso@network.ucsd.
Subject: Two-Line Orbital Element Set: Space Shuttle
To: ham-space@ucsd.edu

The most current orbital elements from the NORAD two-line element sets are carried on the Celestial BBS, (513) *253-9767*, and are updated daily (when possible). Documentation and tracking software are also available on this system. As a service to the satellite user community, the most current elements for the current shuttle mission are provided below. The Celestial BBS may be accessed 24 hours/day at 300, 1200, 2400, 4800, or 9600 bps using 8 data bits, 1 stop bit, no parity.

Element sets (also updated daily), shuttle elements, and some documentation and software are also available via anonymous ftp from archive.afit.af.mil (129.92.1.66) in the directory pub/space.

STS 59
1 23042U 94020A   94108.91666667 .00027498 11147-4 11102-4 0   342
2 23042 56.9904 218.1997 0007553 293.0523 224.3536 16.24255567 1534
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Dr TS Kelso   Assistant Professor of Space Operations
tkelso@afit.af.mil   Air Force Institute of Technology

End of Ham-Space Digest V94 #101
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